

International Friction Processing Seminar 2011

Advances in Friction Processing Technology in South Africa
HOSTED BY THE NMMU

DATE 30 August 2011 – 31 August 2011 (2 Days)

PLACE Nelson Mandela Metropolitan University, Summerstrand,
Port Elizabeth, South Africa

WHO SHOULD ATTEND

Anyone interested in friction stir welding or processing, from a basic understanding of the process and materials used, to those interested in how a process can be integrated and optimised for various manufacturing applications. It is our goal to bring both academia and industry together so that they may both benefit from interaction and information sharing. This includes end-users and scientists as well as engineers and technicians engaged in developing friction processing technology for the manufacturing and joining of various components, alloys and materials.

SEMINAR TOPICS

Process development

- Friction Stir Welding
- Friction Stir Processing Techniques
- Friction Hydro Pillar Processing
- Friction Taper Stud Welding
- Monitoring & control

New developments

- Joining of high temperature metals
- Dissimilar metal welds
- Industrial applications
- New tool materials / designs

Material / Process characterisation

- Microscopy techniques
- Metallurgical evaluation
- Mechanical properties
- Residual stress analysis
- Joining of non-metal structures

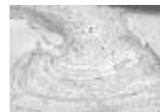
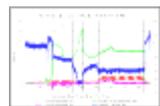
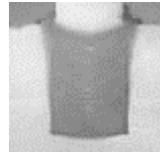
ABSTRACTS

Papers are invited on the seminar topics as outlined and others falling within the scope of the seminar. Abstracts of no more than 300 words should be submitted **as soon as possible**. Abstracts should clearly state the purpose, results and conclusions of the work to be described in the final paper. We strongly encourage the submission of abstracts electronically via e-mail to the seminar secretariat. If you prefer, abstracts can be sent by fax or mail to the seminar secretariat. Please include your name, full address and seminar topic on all submissions.

Final acceptance will be based on the full-length paper, which if accepted for inclusion in the proceedings, must be presented at the conference. ***The language of the conference will be English.***

Papers may still be accepted for oral presentation shortly before the seminar takes place.

It may not however, always be possible to include late papers in the proceedings.



IFPS 2011

DELEGATE FEE

The delegate fee is payable by 29 July 2011 and includes seminar participation, proceedings, evening function, lunches and refreshments.

REGISTRATION FORM

<u>Surname</u>	
<u>Initial(s)</u>	
<u>First name(s)</u>	
<u>Title: (Prof/Dr/Mr/Ms)</u>	
<u>Organisation</u>	
<u>Postal Address</u>	
<u>Post code</u>	
<u>Telephone number</u>	
<u>Fax</u>	
<u>Email</u>	
<u>Special dietary requirements</u>	

Please mark the applicable block

I wish to register:

- Reduced fee for authors (R2500)
- As delegate attending the seminar (R3500)
- Members of Scientific Advisory Committee (R2500)
- As student (R1750) – Attach a copy of student registration

PLEASE SUBMIT COMPLETED REGISTRATION FORM TO THE SEMINAR SECRETARIAT

Payment details will be communicated once registration is received

Seminar Secretary

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Fax (+27) 41 504 9123
Email: Nadine.Marupen@nmmu.ac.za

Cancellation of registration

Delegates who cancel their registration will be liable to pay a cancellation fee of 20% of registration fee.

